



# P-60 5G 7003800 MIMO

## Universal mobile networks antenna set

### Applications

- ▶ Cost-effectively expanding the operator's coverage area
- ▶ Long distance outdoor antenna set for Fixed Wireless Access (FWA)
- ▶ Stable high speed internet connectivity via LTE / 5G
- ▶ IoT applications
- ▶ Rural and urban household reception enhancement

### Features

- ▶ Wide frequency range 698 - 3800 MHz antenna set
- ▶ MIMO (multiple-input, multiple-output) support for multiplying link capacity
- ▶ Includes two directional high gain antennas
- ▶ Includes 2x 10m high-quality low-loss cable with SMA-m connectors or on request
- ▶ +/- 45 degrees inclined easy installation for MIMO reception
- ▶ Reliable and robust design for optimal long-life performance
- ▶ Consistent broadband performance



P-60 5G 7003800 MIMO

Technical data for one antenna		P-60 5G 7003800 MIMO	
Frequency range	698 - 3800 MHz	Cable type	WL 240/5,4/PE
Number of elements	60	Cable length	10 m or on request
Impedance	50 Ohm	Connector	SMA-m or on request
Gain	8,5 - 10,5 dB(I)	Installation	+/- 45 degrees inclined on mast
F/B ratio	23 dB	Supported mast diameter	20 - 55 mm
Polarization	X-polarization	Minimum distance between antennas	66 cm
Beam width	H 52° V 44° @1800 MHz	Optimal distance between antennas	96 cm
Feed power handling	max 50 W	Packed individually	set of two antennas in PVC bag
Max VSWR	< 1,6 :1	Grouped in cardboard box by	5 sets
Antenna length	110 cm	Cardboard dim. (L x W x H) / weight	119 x 40 x 27 cm / 12,2 kg

Mobile Network Generation	4G / 5G	2G / 4G	4G / 5G	2G / 4G	3G	N/A	4G / 5G	5G
f (MHz)	698 - 862	880 - 960	1427 - 1518	1710 - 1880	1920 - 2170	2401 - 2484	2500 - 2700	3300 - 3800
Technology	LTE LTE+ LTE-A	GSM GPRS EDGE LTE	LTE LTE+ LTE-A	GSM DCS	UMTS IMT WCDMA UMTS HSDPA	Wi-Fi	LTE LTE+ IMT-E	5G

Schematics

